

Converting Colors

$Yxy(14.5417, 0.3692, 0.2588)$

Have a look what the booklet for
Yxy(14.5417, 0.3692, 0.2588)
contains.

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Color

Yxy(14.5635, 0.3705, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	9F507C
RGB	159, 80, 124
RGB Percent	62%, 31%, 49%
CMY	0.3766, 0.6862, 0.5138
CMYK	0.00, 0.50, 0.22, 0.38
HSL	327°, 33%, 47%
HSV	327°, 50%, 62%
XYZ	20.8010, 14.5635, 20.7785
YIQ	108.6370, 32.9600, 30.4320

Conversions

Conversions Part 2

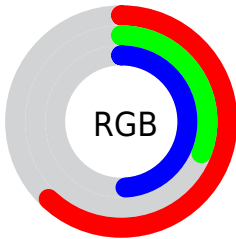
Format	Color
RYB	159, 80, 124
Decimal	10440828
CIELab	45.03, 38.25, -9.92
CIELCh	45, 39.517, 345.460
Yxy	14.5635, 0.3705, 0.2594
Android (android.graphics.Color)	4288630908 (0xFF9F507C)
YUV	108.6370, 7.5740, 44.1684
Hunter-Lab	38.1622, 30.5110, -5.5687

Details

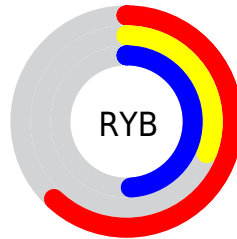
The Yxy color **14.5635, 0.3705, 0.2594** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **27.7338, 0.2801, 0.4132**, and the grayscale version is **15.1573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1239, 0.3560, 0.2748**, and **4.3900, 0.3959, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **12.3325, 0.3880, 0.2474**, and if you desaturate by 10%, it is **17.3595, 0.3550, 0.2731**.

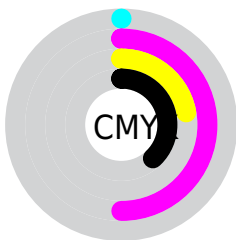
Distribution



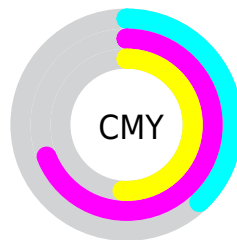
- Red (62%)
- Green (31%)
- Blue (49%)



- Red (62%)
- Yellow (31%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (38%)





- Cyan (38%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5635, 0.3705, 0.2594 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.5635, 0.3705, 0.2594 by changing the saturation by 10% instead.


 14.5635, 0.3705,
0.2594


 14.5635, 0.3705,
0.2594


220.7088, 0.3371,
0.2989

 8.5136, 0.3808,
0.2477


 34.0856, 0.3571,
0.2750


 4.4253, 0.3955,
0.2312


 48.3266, 0.3524,
0.2805


 1.9142, 0.4181,
0.2068

 66.0667, 0.3487,
0.2850

 0.5569, 0.4619,
0.1580

 87.6905, 0.3456,
0.2887

 0.0000, 0.8129,
0.0000

 113.5821, 0.3430,
0.2918

 0.0000, 0.0000,
0.0000

144.1261, 0.3407,

0.2945

179.7069, 0.3388,
0.2968

■ 14.5635, 0.3705,
0.2594

■ 14.5635, 0.3705,
0.2594

■ 12.3325, 0.3880,
0.2474

■ 17.3595, 0.3550,
0.2731

■ 10.6247, 0.4073,
0.2382

■ 20.7542, 0.3416,
0.2875

■ 9.3958, 0.4277,
0.2328


■ 24.7812, 0.3302,
0.3019

■ 8.5932, 0.4485,
0.2323

■ 29.4710, 0.3205,
0.3160

■ 8.0975, 0.4691,
0.2361


■ 34.8521, 0.3125,
0.3294

 8.0821, 0.4698,
0.2362

 40.9512, 0.3058,
0.3420

 47.7937, 0.3002,
0.3537

 55.4037, 0.2955,
0.3644

 63.8043, 0.2917,
0.3743

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.5635, 0.2875, 0.2229



14.5635, 0.3705, 0.2594



14.5635, 0.4429, 0.3106

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.5635, 0.3705, 0.2594



14.5635, 0.3959, 0.4709



14.5635, 0.1746, 0.2565

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.5635, 0.3705, 0.2594



27.7338, 0.2801, 0.4132

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.5635, 0.1953, 0.3285



14.5635, 0.3705, 0.2594



14.5635, 0.3204, 0.4735

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.5635, 0.3705, 0.2594



14.5635, 0.4533, 0.4268



14.5635, 0.2469, 0.4163



14.5635, 0.1838, 0.2171

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.5635, 0.3705, 0.2594



14.5635, 0.4691, 0.3491



14.5635, 0.2469, 0.4163



14.5635, 0.1780, 0.2771

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.5642, 0.3705, 0.2594



47.9242, 0.3257, 0.3082



11.8363, 0.2590, 0.1904



10.4372, 0.3277, 0.3054



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5642, 0.3705, 0.2594



21.5839, 0.3908, 0.2458



13.7698, 0.4385, 0.3209



6.7049, 0.3202, 0.3166



6.3938, 0.4682, 0.2353



0.1228, 0.3967, 0.1959

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.5642, 0.3705, 0.2594



21.5839, 0.3908, 0.2458



28.8192, 0.2525, 0.3382



6.7049, 0.3202, 0.3166



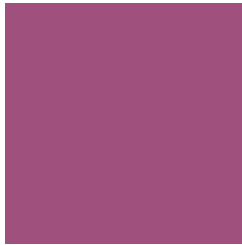
6.3938, 0.4682, 0.2353



0.1228, 0.3967, 0.1959

Previews

White Background



This preview shows how the Yxy color 14.5635, 0.3705, 0.2594 looks on a white background.

Color Contrast Check

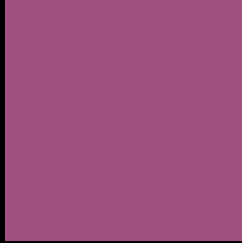
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.5635, 0.3705, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

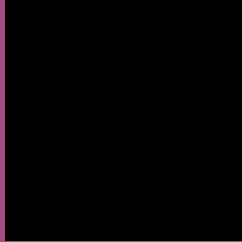
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.5635, 0.3705, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 14.5635, 0.3705, 0.2594.



This preview shows how white text looks on a background with the Yxy color 14.5635, 0.3705, 0.2594.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.5635, 0.3705, 0.2594

Protanopia

14.8024, 0.2606, 0.2578

Deuteranopia

14.6362, 0.3019, 0.2966



Tritanopia

14.5138, 0.4162, 0.3177

Trichromacy



Original Color

14.5635, 0.3705, 0.2594

Protanomaly

14.2917, 0.2954, 0.2575

Deuteranomaly

14.1541, 0.3253, 0.2800

Tritanomaly

14.5082, 0.3999, 0.2964

Monochromacy



Original Color

14.5635, 0.3705, 0.2594

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.4623, 0.3333, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5635, 0.3705, 0.2594 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(159, 80, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 80, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(159, 80, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 80, 124) }
```

Border

The CSS property to change the border of an element to Yxy 14.5635, 0.3705, 0.2594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 80, 124) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(159, 80, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(159, 80, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 80, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 80, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 80,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5635, 0.3705, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 80, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(159, 80,  
124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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